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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/143,343	08/28/1998	MARK A. BOYS	P644	3403

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CENTRAL COAST PATENT AGENCY
PO BOX 187
AROMAS, CA 95004

EXAMINER

TRAN, THAI Q

ART UNIT	PAPER NUMBER
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2615

DATE MAILED: 05/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/143,343

Applicant(s)

BOYS, MARK A. 

Examiner

Thai Tran

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— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 17-19, 21 and 22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 17-19, 21 and 22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-4, 17-19, and 21-22 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 18-19 and 22 are rejected under 35 U.S.C. 102(e) as being anticipated by Tognazzini ('147 B1).

Regarding claim 18, Tognazzini discloses a method for setting and initiating selective playback or permanent storage of stored audio or audio-visual media from a user-interface on a recording device coupled with a media presentation device (Fig. 3) comprising steps of:

(a) initiating sequential continuous-loop recording of a specific time period of the presented media (col. 5, lines 41-49);

(b) identifying a specific media portion within the specific time period of the continuous-loop recording by inserting, in real time during the media presentation, a flag

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set marking the beginning and end of the identified media portion (col. 6, line 54 to col. 7, line 19 and col. 8, lines 27-61);

(c) activating a flag-set indicia from a user interface on the recording device (col. 8, lines 27-39);

(d) activating a recover indicia from the user interface of step (c), the recover operation for retrieving the flagged media (col. 8, lines 27-39); and

(e) initiating playback or media store of the flagged portion of media (col. 8, lines 27-39).

Regarding claim 19, Tognazzini discloses the claimed wherein the step (a), the recording is digital (col. 4, lines 48-53).

Regarding claim 22, Tognazzini discloses the claimed wherein in step (d) the indicia is a memory button that searches for the set flags automatically (col. 8, lines 27-39).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-4 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tognazzini ('147 B1).

Regarding claim 1, as discussed above with respect to claim 18, Tognazzini discloses all the features of the claimed recording device (Fig. 3) coupled with a conventional media representation device having

an input port (300 of Fig. 3, col. 4, lines 48-50) for accepting media from the media presentation device;

at least one recording mechanism (310 and 320 of Fig. 3, col. 4, lines 53-58 and col. 5, lines 41-49) associated with at least one data store facility having a memory with capacity for recording a specific time duration of a media presentation;

a user interface (330 and 340 of Fig. 3, col. 4, lines 63-67 and col. 8, lines 27-61) for controlling the function of record and for enabling functions of media transfer, store, and playback of recorded media; and

an user input (330 and 340 of Fig. 3, col. 4, lines 63-67 and col. 8, lines 27-61) on the user interface for inserting a flag-set into the recorded media, the flag-set searchable and usable as indicia for beginning a playback session of recorded media at a desired point in the recording sequence the playback ending at a desired point in the recording sequence or for selecting a media portion of the recorded media for permanent storage;

wherein the recording mechanism is adapted to make a sequential, continuous-loop recording of the media presentation, such that when the memory capacity is filled, the device continuous to record, overwriting the oldest recorded information, providing at any point in time a stored copy f the specific time duration of the recorded media immediately preceding the point in time (col. 5, lines 41-49). However, Tognazzini does

not specifically disclose an output port for enabling throughput of the media to a speaker system and optional visual display apparatus associated with the media presentation device.

The capability of using speaker system in the television receiver for audibly outputting the audio signal reproducing from the video cassette recorder is old and well known in the art and therefore Official Notice is taken.

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the well known television receiver having speaker system into Tognazzini's system in order to visually and audibly view the television signal reproduced from the recording medium 320 of Tognazzini .

Regarding claim 2, Tognazzini discloses the claimed wherein the recording device of claim 1 is coupled to one of an RF radio or a television (col. 4, lines 3-21).

Regarding claim 3, Tognazzini discloses an analog to digital converter and wherein the at least one data store is a write able digital memory accepting data writes comprising digitally recorded media (col. 4, lines 48-53).

Regarding claim 4, Tognazzini discloses wherein the flag-set denotes one of a complete song, or a block of completed songs (col. 5, line 66 to col. 6, line 7).

Regarding claim 17, Tognazzini discloses the claimed wherein coupling results in internalizing the device into the circuitry of the media presentation device (Fig. 3).

6. Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tognazzini ('147 B1) in view of Ichinose ('569).

Tognazzini discloses all the features of the instant invention as discussed in claim 18 above except for providing wherein in step (d) the indicia is a jogging wheel manually operated to search the flag-sets.

Ichinose teaches a video editing viewer having a jogging wheel (6 of Fig. 1, col. 2, lines 14-39) for selecting an editing point.

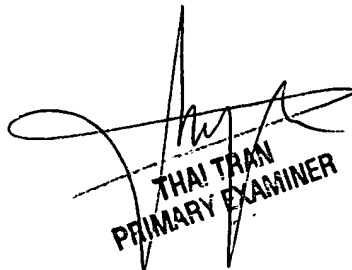
It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the rotary knob 6 of Ichinose into Tognazzini's system in order to facilitate the processing of searching the beginning of each program.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai Tran whose telephone number is (703) 305-4725. The examiner can normally be reached on Mon. to Friday, 8:00 AM to 5:30 PM.

The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

TTQ
May 16, 2003



THAI TRAN
PRIMARY EXAMINER